

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2009 Levee Inspection Results

Reclamation District No. 0999

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2009 Levee Inspection Results

Reclamation District No. 0999

Waterway		Bank	Unit Miles
Unit No. 01 Yolo Bypass		Left	15.40

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/18/2009 - 3/19/2009			
DWR Inspector	Richard Willoughby			
Accompanied By	Bob Webber RD 999			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000.

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0999

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector		
Unit No. 01 Yolo Bypass				Left	15.40	03/18/2009 03/19/2009	Richard Willoughby		

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.75	0.85	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.494578 ° -121.581555 °	38.493040 ° -121.583097 °		33
2	0.91	15.29	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.492189 ° -121.581487 °	38.292311 ° -121.644963 °		913
3	0.92	15.29	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.492134 ° -121.581484 °	38.292318 ° -121.644968 °		914
4	1.69	2.45	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.480982 ° -121.580702 °	° °		29
5	1.75	1.77	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.480082 ° -121.580930 °	38.479788 ° -121.580918 °		4
6	1.78	1.78	Earthen Levee	Encroachments	LS	M	Material Inspector Comments: Material should be removed or spread out along slope.	38.479647 ° -121.580905 °	38.479647 ° -121.580905 °	Y	5
7	1.81	2.07	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.479165 ° -121.580640 °	38.475463 ° -121.580722 °		30
8	1.81	2.06	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.479163 ° -121.580638 °	38.475623 ° -121.580443 °		32
9	1.90	1.96	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.477867 ° -121.580702 °	38.476985 ° -121.580640 °		6
10	2.15	2.15	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.474258 ° -121.580528 °	38.474258 ° -121.580528 °		7
11	2.15	2.15	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.474200 ° -121.580480 °	38.474200 ° -121.580480 °		31
12	2.20	2.21	Earthen Levee	Trim / Thin Trees	WS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.473542 ° -121.580793 °	38.473417 ° -121.580885 °		8
13	2.25	2.25	Earthen Levee	Encroachments	WS	C	Garbage	38.473020 ° -121.581322 °	38.473020 ° -121.581322 °		26
14	2.34	2.34	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.471803 ° -121.582002 °	38.471803 ° -121.582002 °		27
15	2.52	2.52	Earthen Levee	Encroachments	WS	M	Garbage	38.469363 ° -121.583063 °	38.469363 ° -121.583063 °	Y	28
16	2.65	5.30	Earthen Levee	Crown Surface / Depressions / Rutting	WS	M	Keep the crown roadway free of vegetation.	38.467450 ° -121.583845 °	38.431340 ° -121.600580 °		915

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0999

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass				Left	15.40	03/18/2009 03/19/2009	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
17	4.15	4.21	Earthen Levee	Encroachments	WS	M	Prunings	38.447017 ° -121.593338 °	38.446288 ° -121.593657 °	Y	9
18	4.17	4.18	Earthen Levee	Encroachments	LS	M	Prunings	38.446787 ° -121.593433 °	38.446653 ° -121.593492 °	Y	10
19	4.24	4.28	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.445842 ° -121.593857 °	38.445268 ° -121.594118 °		11
20	4.57	4.61	Earthen Levee	Encroachments	WS	M	Prunings Inspector Comments: Firewood & Pruning shoulder & slope.	38.441270 ° -121.595962 °	38.440775 ° -121.596188 °	Y	12
21	4.85	4.85	Boat Survey	Boat Survey Erosion	WS	M	Inspector Comments: tension cracks, slumping	38.437458 ° -121.597728 °	38.437458 ° -121.597728 °		911
22	4.86	4.86	Boat Survey	Boat Survey Erosion	WS	M	Inspector Comments: tension cracks, slumping	38.437351 ° -121.597781 °	38.437351 ° -121.597781 °		912
23	5.80	6.41	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Keep the crown roadway free of vegetation.	38.424592 ° -121.603692 °	38.416173 ° -121.607604 °		916
24	6.55	6.60	Earthen Levee	Encroachments	LS	M	Prunings	38.414367 ° -121.608430 °	38.413698 ° -121.608762 °	Y	18
25	6.80	7.44	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Keep the crown roadway free of vegetation.	38.410919 ° -121.610020 °	38.402178 ° -121.614015 °		917
26	9.02	9.30	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Regrade the crown roadway for proper drainage.	38.380632 ° -121.624165 °	38.376768 ° -121.625850 °		19
27	9.20	9.27	Earthen Levee	Encroachments	LS	PO	Fences	38.378161 ° -121.625181 °	38.377261 ° -121.625619 °		918
28	9.31	9.74	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Keep the crown roadway free of vegetation.	38.376669 ° -121.625896 °	38.370762 ° -121.628640 °		919
29	9.77	9.96	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Fence at landside shoulder	38.370502 ° -121.628975 °	38.367903 ° -121.630017 °		20
30	9.96	10.22	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Keep the crown roadway free of vegetation.	38.367831 ° -121.629990 °	38.364238 ° -121.631674 °		920
31	10.83	11.07	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.356077 ° -121.635598 °	38.352640 ° -121.637078 °	Y	23

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.40	03/18/2009 03/19/2009	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
32	10.87	11.23	Earthen Levee	Encroachments	LS	M	Tree or limb	38.355450 ° -121.635867 °	38.350571 ° -121.638002 °	Y	24
33	11.91	12.23	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Regrade the crown roadway for proper drainage.	38.341174 ° -121.642311 °	38.336717 ° -121.643772 °	Y	921
34	12.54	12.86	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Regrade the crown roadway for proper drainage.	38.332353 ° -121.644629 °	38.327644 ° -121.644973 °		922
35	13.06	13.60	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Regrade the crown roadway for proper drainage.	38.324669 ° -121.644957 °	38.316875 ° -121.644942 °	Y	923

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0999

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.40	03/18/2009 03/19/2009	Richard Willoughby

Levee Mile Report Line	6
Start Levee Mile	1.78
End Levee Mile	1.78
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Material pile on waterside shoulder at LM 1.78	



Levee Mile Report Line	15
Start Levee Mile	2.52
End Levee Mile	2.52
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Garbage at waterside slope & toe.	



Levee Mile Report Line	15
Start Levee Mile	2.52
End Levee Mile	2.52
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Garbage on waterside shoulder.	

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Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0999

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.40	03/18/2009 03/19/2009	Richard Willoughby

Levee Mile Report Line	17
Start Levee Mile	4.15
End Levee Mile	4.21
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Pruning pile on waterside shoulder.



Levee Mile Report Line	18
Start Levee Mile	4.17
End Levee Mile	4.18
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Prunings on waterside shoulder, slope & toe.



Levee Mile Report Line	20
Start Levee Mile	4.57
End Levee Mile	4.61
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Pruning & Firewood pile along waterside shoulder and slope at LM 1.56



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Levee Inspections**

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Reclamation District No. 0999

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.40	03/18/2009 03/19/2009	Richard Willoughby

Levee Mile Report Line	20
Start Levee Mile	4.57
End Levee Mile	4.61
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Prunings on waterside slope.



Levee Mile Report Line	24
Start Levee Mile	6.55
End Levee Mile	6.60
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Prunings along landside shoulder.



Levee Mile Report Line	31
Start Levee Mile	10.83
End Levee Mile	11.07
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Pine trees along waterside shoulder & slope. (Site of a old christmas tree farm).



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Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0999

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.40	03/18/2009 03/19/2009	Richard Willoughby

Levee Mile Report Line	32
Start Levee Mile	10.87
End Levee Mile	11.23
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Tree limbs along landside slope & toe.



Levee Mile Report Line	33
Start Levee Mile	11.91
End Levee Mile	12.23
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting

Vehicle ruts along crown road way.



Levee Mile Report Line	35
Start Levee Mile	13.06
End Levee Mile	13.60
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting

Deep (7" deep) rutting along crown roadway.



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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2009 Levee Inspection Results

Reclamation District No. 0999

Waterway		Bank	Unit Miles
Unit No. 02 Miner Slough		Right	2.30

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/19/2009 - 3/19/2009			
DWR Inspector	Richard Willoughby			
Accompanied By	Bob Webber RD 999			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

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DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
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X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0999

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.30	03/19/2009 03/19/2009	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.03	0.06	Earthen Levee	Encroachments	WS PO	Landscaping		38.290382 ° -121.644335 °	38.290502 ° -121.643745 °		1
2	0.07	2.32	Earthen Levee	Vegetation	LS M	Control annual grass and weeds on the levee slopes and easements.		38.290497 ° -121.643584 °	38.286655 ° -121.605897 °		17
3	0.07	2.32	Earthen Levee	Vegetation	WS M	Control annual grass and weeds on the levee slopes and easements.		38.290498 ° -121.643583 °	38.286742 ° -121.605903 °		18
4	0.17	0.23	Earthen Levee	Trim / Thin Trees	LS M	Trim trees to at least five feet above ground level.		38.290821 ° -121.641831 °	38.290779 ° -121.640672 °		19
5	0.24	0.24	Earthen Levee	Trim / Thin Trees	WS M	Trim trees to at least five feet above ground level.		38.290727 ° -121.640389 °	38.290727 ° -121.640389 °		20
6	0.53	0.53	Earthen Levee	Trim / Thin Trees	WS M	Trim trees to at least five feet above ground level.		38.291445 ° -121.635386 °	38.291445 ° -121.635386 °		12
7	0.76	0.76	Earthen Levee	Trim / Thin Trees	WS M	Trim trees to at least five feet above ground level.		38.292623 ° -121.631762 °	38.292623 ° -121.631762 °		21
8	0.86	0.95	Earthen Levee	Trim / Thin Trees	WS M	Trim trees to at least five feet above ground level.		38.292221 ° -121.629949 °	38.291557 ° -121.628416 °		13
9	0.93	0.96	Earthen Levee	Trim / Thin Trees	LS M	Thin trees to allow visibility of the ground and room to flood fight.		38.291577 ° -121.628803 °	38.291372 ° -121.628273 °		22
10	1.16	1.19	Earthen Levee	Encroachments	LS C	Prunings		38.291180 ° -121.624657 °	38.291280 ° -121.624107 °		5
11	1.66	1.72	Earthen Levee	Encroachments	LS PO	Landscaping		38.290331 ° -121.615679 °	38.289865 ° -121.614742 °		15
12	1.72	1.74	Earthen Levee	Trim / Thin Trees	WS M	Trim trees to at least five feet above ground level.		38.289927 ° -121.614735 °	38.289740 ° -121.614497 °		7
13	1.72	1.75	Earthen Levee	Vegetation	LS M	Elderberries are blocking visibility and flood fight capability.		38.289895 ° -121.614688 °	38.289595 ° -121.614337 °		8
14	1.73	1.73	Earthen Levee	Trim / Thin Trees	LS M	Trim trees to at least five feet above ground level.		38.289755 ° -121.614653 °	38.289755 ° -121.614653 °	Y	23
15	1.77	1.80	Earthen Levee	Vegetation	WS M	Elderberries are blocking visibility and flood fight capability.		38.289388 ° -121.614093 °	38.289057 ° -121.613660 °		9
16	1.81	1.86	Earthen Levee	Vegetation	LS C	Remove the wild growth other than native grasses from the levee slopes.		38.289038 ° -121.613632 °	38.288784 ° -121.612721 °		10
17	2.05	2.07	Earthen Levee	Trim / Thin Trees	WS M	Trim trees to at least five feet above ground level.		38.288795 ° -121.609295 °	38.288737 ° -121.608835 °		24

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0999

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.30	03/19/2009 03/19/2009	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
18	2.05	2.05	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.288852 ° -121.609203 °	38.288852 ° -121.609203 °		16

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.30	03/19/2009 03/19/2009	Richard Willoughby

Levee Mile Report Line	14
Start Levee Mile	1.73
End Levee Mile	1.73
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Front view of overgrown fig tree on landside shoulder.	



Levee Mile Report Line	14
Start Levee Mile	1.73
End Levee Mile	1.73
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Side view of overgrown fig tree along landside shoulder.	

*** Location**

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**Flood Control Project Maintenance
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Unit Cover Sheet

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Waterway		Bank	Unit Miles
Unit No. 03 Sutter Slough		Right	3.80

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Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/19/2009 - 3/19/2009			
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Reclamation District No. 0999

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector		
Unit No. 03 Sutter Slough				Right	3.80	03/19/2009 03/19/2009	Richard Willoughby		

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.01	0.03	Earthen Levee	Encroachments	WS	C	Prunings	38.286937 ° -121.605745 °	38.287145 ° -121.605573 °		2
2	0.03	0.04	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.287145 ° -121.605572 °	38.287267 ° -121.605478 °	Y	4
3	0.04	0.05	Earthen Levee	Encroachments	LS	PO	Landscaping	38.287267 ° -121.605477 °	38.287395 ° -121.605378 °		5
4	0.17	3.74	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.289007 ° -121.604553 °	38.332448 ° -121.584468 °		971
5	0.17	3.74	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.289010 ° -121.604557 °	38.332458 ° -121.584470 °		970
6	0.30	0.63	Boat Survey	Boat Survey Erosion	WS	U	Inspector Comments: tree hazards, slumping	38.295515 ° -121.605587 °	38.290886 ° -121.604351 °		968
7	0.44	0.44	Earthen Levee	Vegetation	WS	M	Elderberries are blocking visibility and flood fight capability.	38.292748 ° -121.604972 °	38.292748 ° -121.604972 °	Y	7
8	0.64	0.64	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	38.295618 ° -121.605923 °	38.295618 ° -121.605923 °	Y	8
9	0.72	0.72	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.296716 ° -121.605700 °	38.296716 ° -121.605700 °		23
10	0.74	0.74	Earthen Levee	Encroachments	LS	C	Prunings	38.296966 ° -121.605507 °	38.296966 ° -121.605507 °		24
11	0.92	0.92	Earthen Levee	Encroachments	LS	C	Prunings	38.299165 ° -121.603740 °	38.299165 ° -121.603740 °		10
12	0.96	0.96	Boat Survey	Boat Survey Erosion	WS	U	Inspector Comments: tree hazards, slumping	° °	° °		969
13	1.49	1.58	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.306025 ° -121.599565 °	38.306854 ° -121.598449 °		25
14	1.59	1.62	Earthen Levee	Encroachments	WS	C	Material	38.307073 ° -121.598247 °	38.307492 ° -121.598122 °		12
15	2.03	2.03	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.311899 ° -121.596332 °	38.311899 ° -121.596332 °	Y	13
16	2.70	2.72	Earthen Levee	Encroachments	LS	CO	Landscaping	38.320105 ° -121.590765 °	38.320340 ° -121.590730 °		16
17	2.87	2.88	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.322170 ° -121.590948 °	38.322595 ° -121.590837 °		17

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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PO : Partially Obstructing
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0999

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 03 Sutter Slough						Right	3.80	03/19/2009 03/19/2009	Richard Willoughby	

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
18	2.90	2.96	Earthen Levee	Trim / Thin Trees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.322765 ° -121.590775 °	38.323472 ° -121.590072 °		18
19	3.02	3.14	Earthen Levee	Trim / Thin Trees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.323762 ° -121.589173 °	38.324410 ° -121.587055 °		19
20	3.72	3.73	Earthen Levee	Encroachments	LS	CO	Landscaping	38.332045 ° -121.584835 °	38.332200 ° -121.584677 °		22

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0999

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.80	03/19/2009 03/19/2009	Richard Willoughby

Levee Mile Report Line	2
Start Levee Mile	0.03
End Levee Mile	0.04
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Front view of overgrown trees on landside slope and toe.	



Levee Mile Report Line	2
Start Levee Mile	0.03
End Levee Mile	0.04
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Side view of overgrown trees on landside slope and toe.	



Levee Mile Report Line	7
Start Levee Mile	0.44
End Levee Mile	0.44
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Elderberries blocking view of waterside slope.	

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0999

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.80	03/19/2009 03/19/2009	Richard Willoughby

Levee Mile Report Line	8
Start Levee Mile	0.64
End Levee Mile	0.64
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Elderberries blocking view of landside toe.	



Levee Mile Report Line	15
Start Levee Mile	2.03
End Levee Mile	2.03
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Front view of overgrown willow on landside toe.	



Levee Mile Report Line	15
Start Levee Mile	2.03
End Levee Mile	2.03
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Side view of overgrown willow on landside toe.	

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2009 Levee Inspection Results

Reclamation District No. 0999

Waterway		Bank	Unit Miles
Unit No. 04 Sacramento River		Right	1.20

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/18/2009 - 3/18/2009			
DWR Inspector	Richard Willoughby			
Accompanied By				

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000.

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0999

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.20	03/18/2009 03/18/2009	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.01	0.05	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.414198 ° -121.523082 °	38.414703 ° -121.523477 °		15
2	0.04	0.04	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.414568 ° -121.523437 °	38.414568 ° -121.523437 °		14
3	0.05	0.11	Earthen Levee	Encroachments	LS	PO	Fences	38.414672 ° -121.523527 °	38.415468 ° -121.524037 °	Y	13
4	0.08	1.04	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.415083 ° -121.523665 °	38.427350 ° -121.532077 °		22
5	0.08	1.04	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.415118 ° -121.523682 °	38.427317 ° -121.532058 °		23
6	0.19	0.28	Earthen Levee	Trim / Thin Trees	WS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.416518 ° -121.524502 °	38.417657 ° -121.525372 °		24
7	0.31	0.35	Earthen Levee	Encroachments	LS	PO	Landscaping	38.418002 ° -121.525712 °	38.418470 ° -121.526002 °		12
8	0.37	0.48	Earthen Levee	Encroachments	LS	PO	Landscaping	38.418838 ° -121.526225 °	38.420237 ° -121.527193 °		11
9	0.37	0.50	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.418838 ° -121.526225 °	38.420447 ° -121.527380 °		10
10	0.62	0.64	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.421963 ° -121.528452 °	38.422165 ° -121.528605 °		8
11	0.67	0.69	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.422517 ° -121.528858 °	38.422842 ° -121.529107 °		7
12	0.71	0.91	Earthen Levee	Encroachments	LS	PO	Fences	38.423035 ° -121.529253 °	38.425645 ° -121.531083 °		5
13	0.71	0.87	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.423035 ° -121.529255 °	38.425140 ° -121.530742 °		6
14	0.91	0.91	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.425665 ° -121.531090 °	38.425665 ° -121.531090 °		4
15	0.99	1.01	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes.	38.426682 ° -121.531738 °	38.426910 ° -121.531858 °		3
16	1.02	1.02	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.427088 ° -121.531962 °	38.427088 ° -121.531962 °		2

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0999

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.20	03/18/2009 03/18/2009	Richard Willoughby

Levee Mile Report Line	3
Start Levee Mile	0.05
End Levee Mile	0.11
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Cyclone fence along landside shoulder at LM 0.05 -0.11	

*** Location**

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WS : Water Side
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**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2009 Levee Inspection Results

Reclamation District No. 0999

Waterway		Bank	Unit Miles
Unit No. 05 Elk Slough		Right	9.70

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/18/2009 - 3/18/2009			
DWR Inspector	Richard Willoughby			
Accompanied By				

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

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DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000.

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0999

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.70	03/18/2009 03/18/2009	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.19	0.22	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.334960 ° -121.584047 °	38.335428 ° -121.583845 °	Y	3
2	0.20	0.20	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.335162 ° -121.583978 °	38.335162 ° -121.583978 °		109
3	0.21	9.65	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.335272 ° -121.583912 °	38.414100 ° -121.523342 °		111
4	0.21	9.65	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.335272 ° -121.583912 °	38.414108 ° -121.523332 °		110
5	0.40	0.47	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.337693 ° -121.582395 °	38.338643 ° -121.582160 °		4
6	0.41	0.41	Earthen Levee	Trim / Thin Trees	WS	C	Trim trees to at least five feet above ground level.	38.337870 ° -121.582350 °	38.337870 ° -121.582350 °		5
7	0.53	0.53	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.339545 ° -121.582033 °	38.339545 ° -121.582033 °		6
8	0.57	0.64	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.340070 ° -121.581980 °	38.341058 ° -121.581615 °		7
9	0.69	0.69	Earthen Levee	Encroachments	WS	M	Tree or limb	38.341712 ° -121.581435 °	38.341712 ° -121.581435 °		8
10	0.72	0.74	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.342180 ° -121.581230 °	38.342537 ° -121.581263 °	Y	9
11	0.78	0.94	Earthen Levee	Trim / Thin Trees	WS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.343058 ° -121.581263 °	38.345210 ° -121.580713 °		10
12	0.84	0.94	Earthen Levee	Encroachments	LS	PO	Landscaping	38.343825 ° -121.581133 °	38.345215 ° -121.580728 °	Y	11
13	0.95	0.98	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.345383 ° -121.580663 °	38.345750 ° -121.580473 °		12
14	0.95	1.09	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.345402 ° -121.580655 °	38.347133 ° -121.579573 °		13
15	1.11	1.15	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.347427 ° -121.579395 °	38.347863 ° -121.579113 °		14
16	1.20	1.24	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.348237 ° -121.578440 °	38.348328 ° -121.577735 °		15
17	1.24	1.27	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Fence is located on Landside shoulder	38.348336 ° -121.577621 °	38.348332 ° -121.577172 °		76

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0999

Waterway					Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough					Right	9.70	03/18/2009 03/18/2009	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
18	1.51	1.88	Earthen Levee	Trim / Thin Trees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.348670 ° -121.573320 °	38.353852 ° -121.573570 °	Y	18
19	1.54	1.57	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	38.349152 ° -121.573493 °	38.349582 ° -121.573538 °		19
20	1.59	1.65	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.349835 ° -121.573643 °	38.350717 ° -121.573887 °		20
21	1.74	1.74	Earthen Levee	Vegetation	LS	U	Elderberries are blocking visibility and flood fight capability.	38.351966 ° -121.574079 °	38.351966 ° -121.574079 °		77
22	1.75	1.81	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.352088 ° -121.574052 °	38.352968 ° -121.574008 °		21
23	1.79	1.79	Earthen Levee	Vegetation	WS	U	Elderberries are blocking visibility and flood fight capability.	38.352627 ° -121.574107 °	38.352627 ° -121.574107 °		78
24	1.97	1.97	Earthen Levee	Encroachments	WS	M	Material Inspector Comments: Concrete rubble should be removed or broken up and spread out at waterward toe.	38.354888 ° -121.572540 °	38.354888 ° -121.572540 °	Y	22
25	2.06	2.06	Earthen Levee	Encroachments	WS	M	Material	38.355531 ° -121.571374 °	38.355531 ° -121.571374 °		80
26	2.12	2.14	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.355640 ° -121.570208 °	38.355630 ° -121.569977 °		23
27	2.20	2.22	Earthen Levee	Trim / Thin Trees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.355402 ° -121.568893 °	38.355282 ° -121.568547 °		24
28	2.65	2.70	Earthen Levee	Trim / Thin Trees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.357371 ° -121.562500 °	38.358132 ° -121.562347 °		82
29	2.93	3.19	Earthen Levee	Trim / Thin Trees	LS	U	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.361268 ° -121.563263 °	38.364373 ° -121.561947 °		29
30	3.04	3.10	Earthen Levee	Trim / Thin Trees	WS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.362813 ° -121.563332 °	38.363558 ° -121.563017 °		30
31	3.19	3.24	Earthen Levee	Encroachments	LS	PO	Landscaping	38.364392 ° -121.561882 °	38.364597 ° -121.561087 °	Y	31
32	3.24	3.31	Earthen Levee	Encroachments	WS	M	Prunings	38.364585 ° -121.561047 °	38.364503 ° -121.559880 °		32
33	3.29	3.45	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Keep the crown roadway free of vegetation.	38.364632 ° -121.560202 °	38.363898 ° -121.557367 °		112

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0999

Waterway					Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough					Right	9.70	03/18/2009 03/18/2009	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
34	3.29	3.37	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.364552 ° -121.560137 °	38.364225 ° -121.558852 °		33
35	3.41	3.64	Earthen Levee	Encroachments	WS	M	Tree or limb	38.364050 ° -121.558150 °	38.366028 ° -121.556843 °		34
36	3.44	3.47	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.363923 ° -121.557608 °	38.363822 ° -121.557108 °		35
37	3.62	3.72	Earthen Levee	Encroachments	LS	PO	Fences	38.365711 ° -121.556714 °	38.367107 ° -121.556745 °		83
38	3.75	3.82	Earthen Levee	Encroachments	WS	M	Tree or limb	38.367482 ° -121.556542 °	38.367977 ° -121.555443 °		37
39	3.75	3.83	Earthen Levee	Encroachments	WS	PO	Fences	38.367500 ° -121.556478 °	38.367997 ° -121.555348 °		85
40	3.79	3.95	Earthen Levee	Encroachments	LS	PO	Fences	38.367644 ° -121.556012 °	38.368288 ° -121.553118 °		84
41	3.94	3.98	Earthen Levee	Encroachments	WS	M	Tree or limb	38.368260 ° -121.553313 °	38.368462 ° -121.552620 °		38
42	3.96	3.96	Earthen Levee	Encroachments	LS	M	Garbage	38.368318 ° -121.552938 °	38.368318 ° -121.552938 °	Y	39
43	4.05	4.14	Earthen Levee	Trim / Thin Trees	WS	U	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.369440 ° -121.552747 °	38.370543 ° -121.553402 °		41
44	4.11	4.11	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.370130 ° -121.553220 °	38.370130 ° -121.553220 °		42
45	4.31	4.32	Earthen Levee	Encroachments	WS	U	Prunings	38.372615 ° -121.552398 °	38.372852 ° -121.552267 °	Y	43
46	4.38	4.41	Earthen Levee	Encroachments	LS	CO	Landscaping	38.373625 ° -121.551787 °	38.373907 ° -121.551607 °	Y	44
47	4.43	4.47	Earthen Levee	Trim / Thin Trees	WS	U	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.374160 ° -121.551408 °	38.374683 ° -121.550827 °		45
48	4.51	4.53	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.374945 ° -121.550287 °	38.375020 ° -121.549945 °		46
49	4.55	4.68	Earthen Levee	Trim / Thin Trees	LS	U	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.375072 ° -121.549547 °	38.375188 ° -121.547203 °		47
50	4.56	4.56	Earthen Levee	Encroachments	WS	M	Landscaping	38.375012 ° -121.549357 °	38.375012 ° -121.549357 °		113

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0999

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.70	03/18/2009 03/18/2009	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
51	4.60	4.66	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.375050 ° -121.548717 °	38.375077 ° -121.547512 °		49
52	4.71	4.74	Earthen Levee	Encroachments	WS	M	Prunings	38.375330 ° -121.546613 °	38.375417 ° -121.546143 °	Y	50
53	4.72	4.72	Earthen Levee	Encroachments	LS	M	Prunings	38.375373 ° -121.546422 °	38.375373 ° -121.546422 °	Y	51
54	4.75	4.82	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.375418 ° -121.546043 °	38.375989 ° -121.544934 °		52
55	4.89	4.89	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.376717 ° -121.544017 °	38.376717 ° -121.544017 °		54
56	5.04	5.04	Earthen Levee	Encroachments	LS	M	Garbage	38.378147 ° -121.542117 °	38.378147 ° -121.542117 °	Y	114
57	5.06	5.06	Earthen Levee	Trim / Thin Trees	WS	C	Trim trees over roadway to at least 12 feet above ground level.	38.378479 ° -121.541918 °	38.378479 ° -121.541918 °		87
58	5.27	5.27	Earthen Levee	Trim / Thin Trees	WS	C	Trim trees over roadway to at least 12 feet above ground level.	38.382120 ° -121.540048 °	38.382120 ° -121.540048 °		88
59	5.32	5.54	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Add appropriate gravel or road base. Grade and compact.	38.380940 ° -121.542820 °	38.382166 ° -121.546293 °		90
60	5.35	5.36	Earthen Levee	Trim / Thin Trees	WS	C	Trim trees over roadway to at least 12 feet above ground level.	38.381000 ° -121.543323 °	38.381025 ° -121.543482 °		89
61	5.95	5.95	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	38.384867 ° -121.541845 °	38.384867 ° -121.541845 °		59
62	6.17	6.17	Earthen Levee	Encroachments	LS	M	Prunings	38.387482 ° -121.542001 °	38.387482 ° -121.542001 °		91
63	6.20	6.34	Earthen Levee	Trim / Thin Trees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.387825 ° -121.542335 °	38.389775 ° -121.542687 °		60
64	6.58	6.58	Earthen Levee	Encroachments	LS	M	Prunings	38.391776 ° -121.539295 °	38.391776 ° -121.539295 °		92
65	6.78	6.81	Earthen Levee	Encroachments	LS	CO	Landscaping	38.394491 ° -121.539427 °	38.394991 ° -121.539333 °		93
66	6.78	6.78	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees over roadway to at least 12 feet above ground level.	38.394550 ° -121.539351 °	38.394550 ° -121.539351 °		94
67	6.81	6.81	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees over roadway to at least 12 feet above ground level.	38.394940 ° -121.539358 °	38.394940 ° -121.539358 °		95

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0999

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.70	03/18/2009 03/18/2009	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
68	6.83	6.83	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Firewood on landside shoulder	38.395234 ° -121.539323 °	38.395234 ° -121.539323 °	Y	96
69	6.87	6.93	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.395712 ° -121.539111 °	38.396222 ° -121.538266 °		97
70	7.24	7.24	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.399503 ° -121.536375 °	38.399503 ° -121.536375 °		63
71	7.44	7.57	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.401882 ° -121.538397 °	38.403418 ° -121.539780 °		64
72	7.64	7.69	Earthen Levee	Trim / Thin Trees	WS	C	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.403870 ° -121.540978 °	38.404145 ° -121.541835 °		65
73	7.65	7.69	Earthen Levee	Encroachments	LS	CO	Landscaping	38.403895 ° -121.541113 °	38.404145 ° -121.541835 °	Y	66
74	7.66	7.68	Earthen Levee	Encroachments	WS	CO	Fences	38.403808 ° -121.541354 °	38.403976 ° -121.541661 °		99
75	8.33	8.45	Earthen Levee	Trim / Thin Trees	WS	C	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.409892 ° -121.539165 °	38.409445 ° -121.536982 °		68
76	8.40	8.42	Earthen Levee	Encroachments	WS	M	Prunings	38.409619 ° -121.537781 °	38.409573 ° -121.537577 °		100
77	8.45	9.61	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.409445 ° -121.536980 °	38.413717 ° -121.523813 °		69
78	8.51	8.51	Earthen Levee	Encroachments	WS	M	Prunings	38.408962 ° -121.535947 °	38.408962 ° -121.535947 °	Y	70
79	8.57	8.61	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Fence installed without CVFPB permit in 2008. Fence extend from landside toe to landside shoulder.	38.408586 ° -121.534992 °	38.408748 ° -121.534437 °	Y	101
80	8.66	8.66	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees over roadway to at least 12 feet above ground level.	38.409116 ° -121.533738 °	38.409116 ° -121.533738 °		102
81	8.71	8.71	Earthen Levee	Encroachments	WS	C	Prunings	38.409743 ° -121.533210 °	38.409743 ° -121.533210 °		72
82	8.72	8.72	Earthen Levee	Encroachments	CR	CO	Fences	38.409928 ° -121.533041 °	38.409928 ° -121.533041 °	Y	103
83	8.78	8.78	Earthen Levee	Encroachments	CR	CO	Fences	38.410344 ° -121.532074 °	38.410344 ° -121.532074 °	Y	104

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0999

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough				Right	9.70	03/18/2009 03/18/2009	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
84	8.81	8.81	Earthen Levee	Encroachments	WS	M	Prunings	38.410560 ° -121.531675 °	38.410560 ° -121.531675 °		106
85	8.81	8.81	Earthen Levee	Encroachments	CR	PO	Fences	38.410528 ° -121.531611 °	38.410528 ° -121.531611 °	Y	105
86	8.92	8.92	Earthen Levee	Encroachments	WS	M	Firewood	38.411720 ° -121.530242 °	38.411720 ° -121.530242 °		115
87	8.92	8.92	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees over roadway to at least 12 feet above ground level.	38.411594 ° -121.530147 °	38.411594 ° -121.530147 °		108
88	8.92	8.92	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees over roadway to at least 12 feet above ground level.	38.411611 ° -121.530084 °	38.411611 ° -121.530084 °		107
89	9.16	9.16	Earthen Levee	Trim / Thin Trees	LS	C	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.415010 ° -121.529730 °	38.415010 ° -121.529730 °		73
90	9.20	9.58	Earthen Levee	Trim / Thin Trees	LS	C	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.415528 ° -121.529390 °	38.413537 ° -121.524167 °		74
91	9.20	9.61	Earthen Levee	Trim / Thin Trees	WS	C	Trim trees to at least five feet above ground level.	38.415528 ° -121.529390 °	38.413717 ° -121.523813 °		75

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0999

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.70	03/18/2009 03/18/2009	Richard Willoughby

Levee Mile Report Line	1
Start Levee Mile	0.19
End Levee Mile	0.22
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
Dense wild roses at landside toe (side view)	



Levee Mile Report Line	1
Start Levee Mile	0.19
End Levee Mile	0.22
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
Front view of dense wild roses at landside toe.	



Levee Mile Report Line	10
Start Levee Mile	0.72
End Levee Mile	0.74
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Front view of dense trees at landside shoulder.	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0999

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.70	03/18/2009 03/18/2009	Richard Willoughby

Levee Mile Report Line	12
Start Levee Mile	0.84
End Levee Mile	0.94
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of landscaping (Ivy) blocking view of landside slope from LM 0.84 to 0.94	



Levee Mile Report Line	12
Start Levee Mile	0.84
End Levee Mile	0.94
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of landscaping (Ivy) looking upstream from LM 0.84 to 0.94	



Levee Mile Report Line	18
Start Levee Mile	1.51
End Levee Mile	1.88
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Front view of dense trees along waterside slope.	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0999

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.70	03/18/2009 03/18/2009	Richard Willoughby

Levee Mile Report Line	18
Start Levee Mile	1.51
End Levee Mile	1.88
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Side view of dense trees along waterside slope.



Levee Mile Report Line	24
Start Levee Mile	1.97
End Levee Mile	1.97
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Concrete rubble on waterside sholder at LM 1.97



Levee Mile Report Line	31
Start Levee Mile	3.19
End Levee Mile	3.24
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Looking downstream of landscaping blocking view of landside slope from LM 3.19 to 3.24



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.70	03/18/2009 03/18/2009	Richard Willoughby

Levee Mile Report Line	42
Start Levee Mile	3.96
End Levee Mile	3.96
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Garbage piles on landside toe at LM 3.96	



Levee Mile Report Line	45
Start Levee Mile	4.31
End Levee Mile	4.32
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Pruning piles on waterward shoulder from LM 4.31 to 4.32	



Levee Mile Report Line	46
Start Levee Mile	4.38
End Levee Mile	4.41
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Overgrown landscaping on landside slope blocking view of slope from LM 4.38 to 4.41	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.70	03/18/2009 03/18/2009	Richard Willoughby

Levee Mile Report Line	52
Start Levee Mile	4.71
End Levee Mile	4.74
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Pruning and firewood along landside and waterside shoulder.	



Levee Mile Report Line	53
Start Levee Mile	4.72
End Levee Mile	4.72
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Prunings and firewood on landside shoulder at LM 4.72	



Levee Mile Report Line	56
Start Levee Mile	5.04
End Levee Mile	5.04
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Garbage at waterside shoulder and crown.	

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Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.70	03/18/2009 03/18/2009	Richard Willoughby

Levee Mile Report Line	68
Start Levee Mile	6.83
End Levee Mile	6.83
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Fence and Firework at landside shoulder.



Levee Mile Report Line	73
Start Levee Mile	7.65
End Levee Mile	7.69
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Landscaping on landside slope blocking view of slope from LM 7.65 to 7.72



Levee Mile Report Line	78
Start Levee Mile	8.51
End Levee Mile	8.51
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Prunings and firewood on waterside and landside shoulder at LM 8.51



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Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

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Unit No. 05 Elk Slough	Right	9.70	03/18/2009 03/18/2009	Richard Willoughby

Levee Mile Report Line	79
Start Levee Mile	8.57
End Levee Mile	8.61
Location	Land Side
Category	Earthen Levee
Item	Encroachments
New installed unauthorized fence at landside slope and shoulder.	



Levee Mile Report Line	82
Start Levee Mile	8.72
End Levee Mile	8.72
Location	Crown
Category	Earthen Levee
Item	Encroachments
New unauthorized fence that extend from landside toe to waterside toe.	



Levee Mile Report Line	82
Start Levee Mile	8.72
End Levee Mile	8.72
Location	Crown
Category	Earthen Levee
Item	Encroachments
View of fence & gate across levee crown, landside & waterside slope.	

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Levee Inspection Report By Mile - Spring 2009

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.70	03/18/2009 03/18/2009	Richard Willoughby

Levee Mile Report Line	83
Start Levee Mile	8.78
End Levee Mile	8.78
Location	Crown
Category	Earthen Levee
Item	Encroachments
New unauthorized fence and gate that extend from landside toe across levee crown to waterside toe.	



Levee Mile Report Line	85
Start Levee Mile	8.81
End Levee Mile	8.81
Location	Crown
Category	Earthen Levee
Item	Encroachments
New unauthorized fence and gate that extend from landside toe across levee crown to waterside toe.	

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